

1. Title of the certificate (HR) and programme number <sup>(1)</sup>

**Zrakoplovni tehničar ZIM**  
(010514)

<sup>(1)</sup> In the original language

2. Translated title of the certificate (EN) <sup>(1)</sup>

**Aircraft Technician (aircrafts and engines)**

<sup>(1)</sup> This translation has no legal status.

## 3. Profile of skills and competences

## A) GENERAL EDUCATION COMPETENCES

- Use basic communication knowledge and skills through active use of mother tongue and foreign languages in different situations and use and draft documentation in a foreign language (English)
- Apply basic mathematical knowledge, skills and processes
- Organise and manage space and apply basic physical, chemical and biological knowledge within the framework of sustainable community development
- Use modern information and communication technology actively and critically
- Continuously acquire knowledge and skills in line with technological changes
- Apply ethical principles and respect diversity
- Manage one's own learning and work
- Identify, assess and manage risks and dangers
- Exercise regularly and act responsibly towards one's own and other people's health

## B) VOCATIONAL COMPETENCES

- Use of technical, technological and service documentation for maintenance, storage and conservation of aircrafts, aircraft devices and components
- Apply technical drawing basics in analysis and preparation of the manufacturing technological process
- Apply various components of machines and assemblies in aircrafts
- Use professionally specific information and communication technologies in accordance with applicable regulations
- Link the laws of flying with aircraft construction as a means of transport
- Use maintenance technology to repair operating systems in aircrafts
- Use prescribed installation procedures for the aircraft's operating system
- Have knowledge of the characteristics and designations of technical materials for proper selection and testing
- Perform measurements to ensure product and technological processes quality
- Use English in order to perform the tasks professionally
- Apply consistently regulations and means of work safety, fire protection and environmental protection

## 4. Range of occupations accessible to the holder of the certificate

The qualification Aircraft Technician (aircrafts and engines) allows to carry out maintenance and repairs jobs on the aircraft. In accordance with applicable aircraft regulations controls the proper functioning of the aircraft. Examines engines, aircraft construction components, systems and other parts of the aircraft. Uses the technical, technological and service documentation of the aircraft manufacturer and also the recommendations of the system and components manufacturer. All this is done by respecting national and international safety regulations. Aircraft technicians can operate on one or more aircraft types, such as propeller and helicopter aircraft or jet propulsion aircraft, or they can specialize in a particular part of the aircraft.

5. Official basis of the certificate	
<b>Name and status of the body awarding the certificate</b> The certificate is issued by the secondary education institution (vocational education and training school).	<b>Name and status of the national authority providing accreditation/recognition of the certificate</b> Ministry of Science and Education Donje Svetice 38 10 000 Zagreb <a href="http://www.mzo.hr">www.mzo.hr</a>
<b>Legal basis</b> Primary and Secondary School Education Act (Official Gazette No. 87/2008, 86/2009, 92/2010, 105/2010-corr., 90/2011, 16/2012, 86/2012, 94/2013, 152/2014, 7/2017, 68/2018, 98/2019 and 64/2020) Vocational Education Act (Official Gazette No. 30/2009, 24/2010, 22/2013 and 25/2018) Croatian Qualifications Framework Act (Official Gazette No. 22/2013, 41/2016, 64/2018, 47/2020 and 20/2021)	<b>National grading system / Pass requirements</b> Excellent 5 (10) A Very good 4 (9) B Good 3 (8) B Sufficient 2 (6-7) C Insufficient 1 (0-5) F In order to pass the exam, it is necessary to get the grade 2 (6-7), i.e. C (sufficient).
<b>Level of qualifications</b> Level 4.2. in the Croatian Qualifications Framework	<b>Access to next level of education/training</b> Access to higher level of qualification in accordance with the Croatian Qualifications Framework.

6. General data of acquiring the certificate		
	Percentage of total programme (%)	Total number of hours
General education part	46,6 %	2131
Vocational part – theoretical	33,8 %	1548
Vocational part – practice/exercises	19,6 %	897
<b>Duration of education</b>		4 years
<b>Entry requirements:</b> The completion of primary education  <b>More information available at:</b> Ministry of Science and Education ( <a href="http://www.mzo.hr">www.mzo.hr</a> ) Education and Teacher Training Agency ( <a href="http://www.azoo.hr">www.azoo.hr</a> ) Agency for Vocational Education and Adult Education ( <a href="http://www.asoo.hr">www.asoo.hr</a> )  National Europass Centre in Croatia ( <a href="http://www.europass.hr">www.europass.hr</a> ) at the Agency for Mobility and EU Programmes ( <a href="http://www.mobilnost.hr">www.mobilnost.hr</a> ).  <b>(*) Explanatory note</b> The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC. © European Union, 2002-2020		
 <b>AGENCY FOR MOBILITY AND EU PROGRAMMES</b>		